

SECTION: REMARKS

This reply is submitted pursuant to 35 U.S.C. §132 and 37 C.F.R. §1.111. The Office Action was carefully considered by the undersigned attorney and applicant. Reconsideration of the application is respectfully requested.

1. Summary of the Office Action.

The drawings were objected to.

Claim 16 was objected to.

Claims 1-20 stand rejected under 35 U.S.C §103(a) over Anzai et al. (USP 5429166) in view of Evans et al. (Published USPA US2002/0139288).

2. Discussion.

Drawing Objection

Enclosed is a red-lined proposed drawing correction for the examiner's consideration. The specification is amended for consistency with the corrected drawings. No new matter is believed to be entered by this proposed amendment.

Claim Objection

Claim 16. This claim was objected to as being informal. Applicants canceled the claim in view of an amendment to claim 1. Care was taken in amending claim 1 to avoid the objected language. The examiner is thanked for pointing this informality out. Withdrawal of the objection is believed to be in order.

Claim Rejections - 35 USC §103

Claim 1. This claim was rejected under 35 USC §103(a) as being obvious over Anzai et al. in view of Evans et al. The claim is amended for clarity and to incorporate all of the limitations of dependent claim 16. Specifically, the claim now requires that the display show eight measured pressures in groups of four pressures each, each group of four pressure readings corresponding to the same four articles gauged at two (2) different times during use. The structure and function of the invention is not literally shown, suggested or made obvious by the applied references. In contrast, **Anzai et al.** show a display 13 that indicates a "specified" pressure value (set as an inflation target by the user, but not measured) and a "measured" pressure value (which represents the actual pressure of a single tire changing during inflation). **Evans et al.** discloses display windows 550 which show the actual measured pressure of four tires at a single point in time. These differences are patentably significant because the amended elements relate to advantages the invention has in terms of showing changes in article pressure over time during use, for example of tires in automobile racing. Applicants note that, other than the addition of the term "measured" for clarity, amended claim 1 is a version of originally submitted dependent claim 16, merely rewritten in independent form. Thus, no limiting amendment is made and no limitation on the scope of the language of dependent claim 16 is intended or should be considered made.

Dependent **claims 15 and 16** are cancelled in view of this amendment. Withdrawal of the rejection is requested.

Claim 12. This dependent claim stands rejected under 35 USC 103(a) over Anzai et al. in view of Evans et al.. Applicants contend that the applied references do not show, suggest or otherwise render obvious a connection of the gauge to a printer. Anazai et al. discloses an apparatus which is directed to the inflation process, while Evan et al. shows a gauge which shows only current pressure. Applicants' invention has the advantage of enabling detailed measurement and analysis of vehicle and tire performance during auto racing. The claim is believed to be patentable for this reason in addition to those urged with respect to its base claim above.

Claim 13. This dependent claim stands rejected under 35 USC 103(a) over Anzai et al. in view of Evans et al.. Applicants contend that the applied references do not show, suggest or otherwise render obvious a connection of the gauge to a computer. As is discussed above with respect to claim 12, Applicants' invention has patentably significant advantages. The claim is believed to be patentable for this reason in addition to those urged with respect to its base claim above.

Claim 18. This dependent claim stands rejected under 35 USC 103(a) over Anzai et al. in view of Evans et al.. Applicants contend that the applied references do not show, suggest or otherwise render obvious a pressure gauge (as now amended) which integrates lap time measurement and display. As is discussed above with respect to claim 12, Applicants' invention has patentably significant advantages. The claim is believed to be patentable for this reason in addition to those urged with respect to its base claim above.

Claim 19. This claim was rejected under 35 USC §103(a) as being anticipated by Anzai et al. in view of Evans et al. Claim 19 as originally presented has substantially all of the limitations of claim 1 as amended, and is therefore believed to be patentable. Notwithstanding this, applicants amend this claim to further and clearly patentably distinguish and limit over the applied references by defining the invention to require that the control system receive measured tire pressure reading signals from the pressure transducer and have memory for storing the eight measured readings corresponding to actual pressures of each of the four tires of the automobile a first time and at a second, later time. This structure and function is not shown, suggested or made obvious by the applied references for the reasons discussed above with respect to amended claim 1. These differences are patentably significant for the reasons discussed above. It is submitted that this amendment clearly indicates a narrower interpretation than that of the original claim, which interpretation patentably avoids the applied art. Withdrawal of the rejection is requested.

Claim 20. This claim was rejected under 35 USC §103(a) as being obvious over Anzai et al. in view of Evans et al. The claim is amended for clarity. Specifically, the claim now requires that the control system receive and process, and that the display show eight **measured** pressures in groups of four pressures each separated by time. Further the claim as originally presented recites that the first group of four measurements relate to a tire set prior to running (cold) and that the second group of four measurements relate to the tire set subsequent to running (hot). The structure and function of the invention is not literally shown, suggested or made obvious by the applied references, and is patentably significant for the same reasons discussed above with respect to amended claim 1. Withdrawal of the rejection is requested.

Remaining Claims. The remaining dependent claims each adds at least one limitation to the elements of its base claim, and is therefore deemed to be allowable with such base and any intervening claim, at least for this reason.

3. Conclusion.

The claims pending after this amendment are believed to be patentable for the reasons stated above. The amendments are believed to be supported by the specification, claims and drawings as filed. It is believed that this case is now in a condition for allowance. Reconsideration and favorable action are respectfully requested.

Should the Examiner believe that telephone communication would advance the prosecution of this case to finality, she is invited to call at the number below.

It is respectfully requested that, if necessary to effect a timely response, this paper be considered as a Petition for an Extension of Time under 37 CFR 1.136(a), provided a Petition is not submitted separately.

Please charge any fee due not paid by a check or credit card provided herewith, and/or charge any underpayment in any fee, and/or credit any overpayment in fee, to Deposit Account No. 19-2381.

<u>Any fees due are calculated as follows:</u>	<u>Number</u>	<u>Fee</u>
TOTAL claims remaining over that previously paid for:	None	\$0
INDEPENDENT claims remaining over that previously paid for:	None	\$0
	SUM claim fees:	\$0
EXTENSION fees:		\$60
OTHER fees:		\$0
	<u>TOTAL AMOUNT (if any)</u>	\$60
<input type="checkbox"/> Paid by enclosed check.		
<input checked="" type="checkbox"/> Paid by enclosed Credit Card Payment Form(s) PTO-2038.		

Respectfully submitted,



Date: 6-7-05

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REQUEST FOR EXTENSION OF TIME

Pursuant to 37 C.F.R. 1.136(a), Applicant(s) requests that a 1 month extension be granted in which to file the attached communication from the applicant(s).

A \$ 60 payment, for a small entity, is enclosed for the fee required under 37 CFR 1.17.

Please charge any additional or underpayment in fee due, or credit any overpayment, to Deposit Account No. 19-2381.

Respectfully submitted,

Date: 6-7-05

Joel D. Skinner, Jr.
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SECTION: DRAWING AMENDMENTS

Pursuant to 37 CFR 1.84, please amend the drawings by with reference to the papers labeled "Annotated Marked-up Drawings", which are also presented in the APPENDIX. Changes are shown relative to the immediate prior version of each sheet.